

Important: Read all instructions prior to assembly.

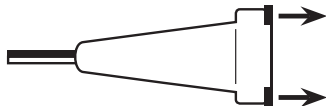
Under Cabinet LED Flexible Light Strip Kit

Parts Included

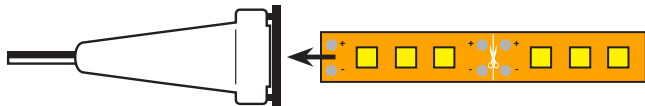
- 1 - 16.5' (5m) LED Flexible Light Strip (NFLS-xW300X3-UC)
- 1 - 12~24VDC LED Dimmer w/RF Remote (LDRF-8A)
- 1 - 12VDC 50W Power Supply (CPS-12VDC-50W)
- 1 - Female Terminal Screw Adapter (CPS-F2ST)
- 1 - Pigtail CPS Power Adapter Cable (CPS-PT)
- 2 - CPS Adapter Cable Clamp (NFLS10-2CHCPS)
- 4 - Flexible Light Strip Interconnect (NFLS10-2CS)
- 3 - Solderless Clamp-On Pigtail Adapter (NFLS10-2CPTH)
- 6 - 22-16 AWG Grey 3M Wire Nuts (WN-2216)
- 1 - 8' Length 24 AWG Two Conductor Power Wire (WP24-2)
- 8 - Double-Sided Foam Pads (3M-FTP)
- 1 - Flathead Screwdriver (SDF-G2)

Connecting Strips

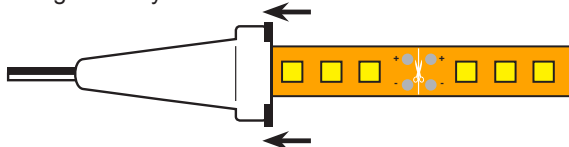
1. Gently pull out locking tab on face of Flexible Light Strip Interconnect (NFLS10-2CS)



2. Insert strip firmly into Interconnect making sure the strip polarity and wire colors match with other Interconnects installed



3. Return the locking tab to the closed position on the Interconnect by pushing carefully



Troubleshooting Tip: If the light strip does not light up, try removing the Interconnect from the light strip, and reconnecting the opposite end of the Interconnect to the light strip to correct polarity.

Instructions

Pre-test & Configure

Remove strip from reel and make connections to power supply and dimmer (see "Method 1" diagram). Briefly turn on strip using dimmer remote control to ensure proper operation of the strip, power supply, dimmer, and remote.

Layout strip on counter below cabinets, hold strips up under cabinets to determine lengths of strip segments needed for your installation. See below for cutting instructions.

Connect all strip segments using appropriate length connectors, see "General Diagram" for guide. Connect strip assembly to power supply to ensure all segments are connected properly, then remove power.

Ensure all installation surfaces are clean and dry.

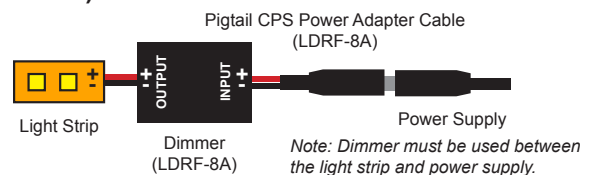
Begin to remove strip's backing while adhering to bottom front edge of cabinets for optimal illumination. Press firmly to secure strips to surface. Route strip interconnectors under cabinet seams, windows, and other spaces between cabinets. Attach dimmer and power supply to desired location using included foam tape.

Cutting

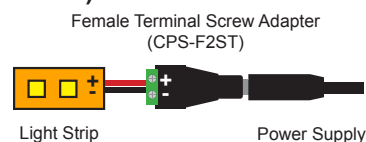
Cut strips to appropriate length using scissors on lines indicated with scissor icon. Strip can only be cut on these lines, which are spaced every 3 LEDs.



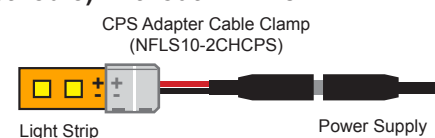
(Method 1) With Dimmer



(Method 2) Without Dimmer

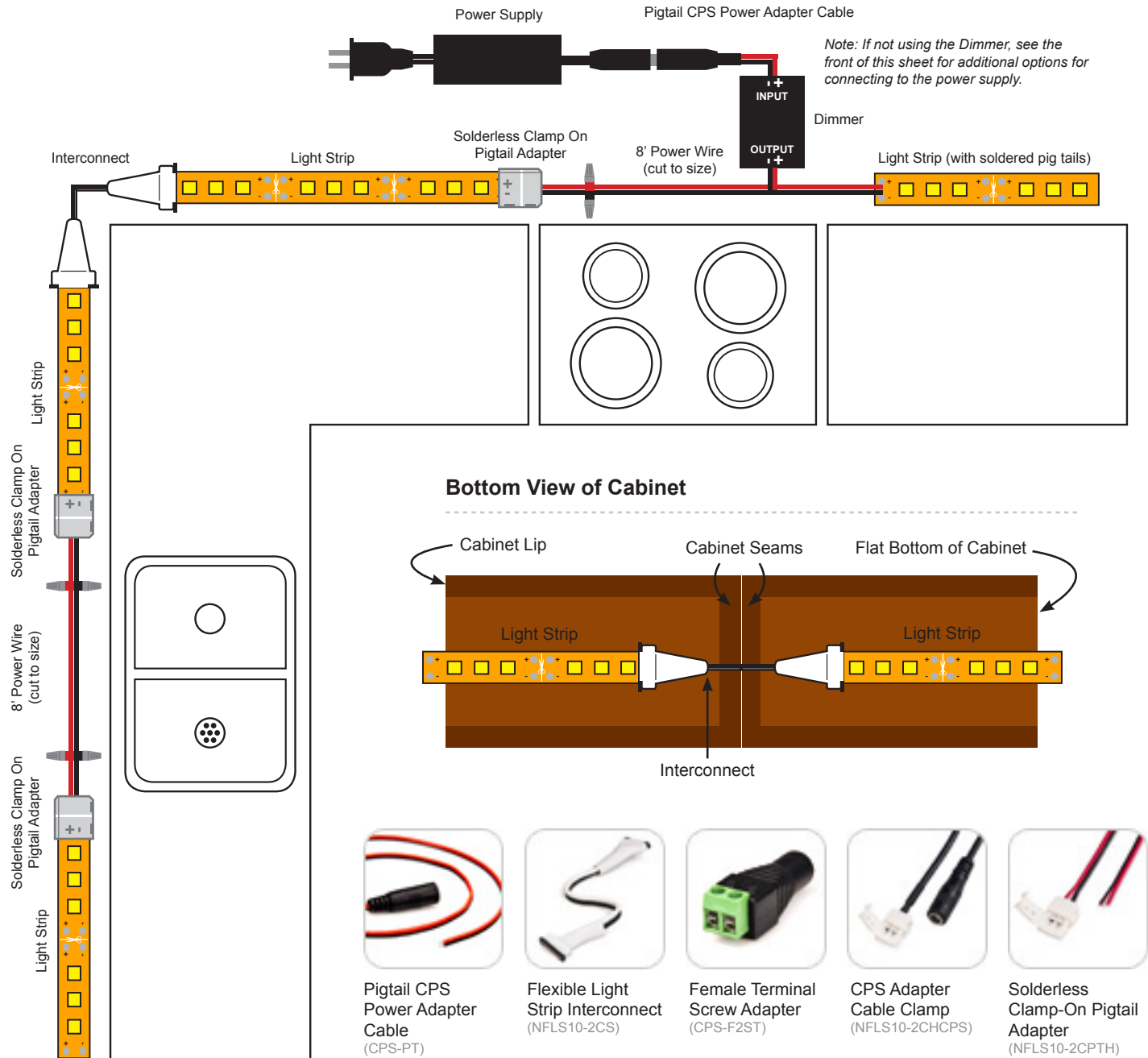


(Method 3) Without Dimmer



General Diagram

Note: This configuration is for over-the-stove microwave's that have above cabinet storage with an existing outlet as a power source for the power supply. Wiring may vary based on cabinet configuration and outlet availability.



Safety

- DO NOT connect LED strip directly to 120V AC power. This kit requires a 12V DC Adapter (included power supply) to be powered
- DO NOT connect more than one 16.5' section of light strips to the included power supply. Overloading the included power supply may cause overheating, shorting, and possibly fire
- Be sure the power supply is not plugged into an outlet before connecting or disconnecting any of the kits components
- DO NOT expose the light strip to direct or indirect moisture
- Always observe proper polarity when connecting power and load